

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082421\
 Data File : VY005822.D
 Acq On : 24 Aug 2021 15:32
 Operator : SY/MD
 Sample : M3502-01
 Misc : 6.52G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 POST-MAEC-01

Quant Time: Aug 25 04:30:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

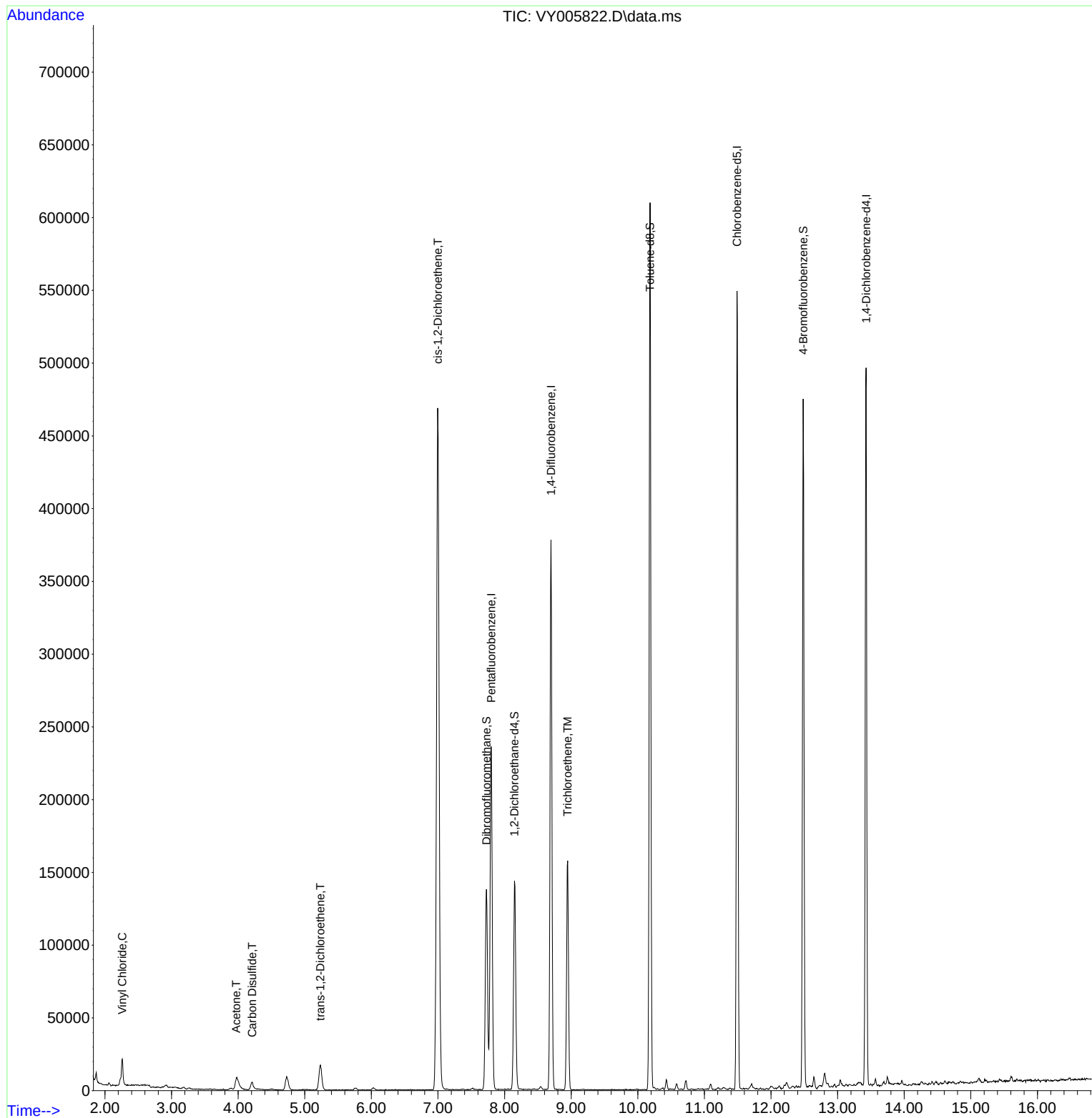
Internal Standards						
1) Pentafluorobenzene	7.801	168	195535	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	315826	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	295718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	130078	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	119302	60.275	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.540%	
35) Dibromofluoromethane	7.728	113	94551	53.472	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.940%	
50) Toluene-d8	10.185	98	393031	52.999	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.000%	
62) 4-Bromofluorobenzene	12.483	95	123695	50.369	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.740%	
Target Compounds						
						Qvalue
4) Vinyl Chloride	2.259	62	18027	7.845	ug/l	96
16) Acetone	3.972	43	21925	43.935	ug/l	91
17) Carbon Disulfide	4.210	76	10452	2.012	ug/l #	93
21) trans-1,2-Dichloroethene	5.234	96	11382	6.041	ug/l	94
27) cis-1,2-Dichloroethene	6.996	96	293322	136.890	ug/l	92
44) Trichloroethene	8.947	130	57024	24.630	ug/l	99

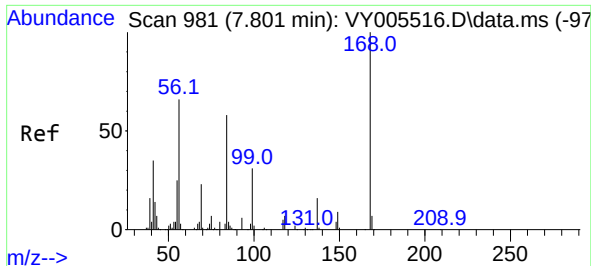
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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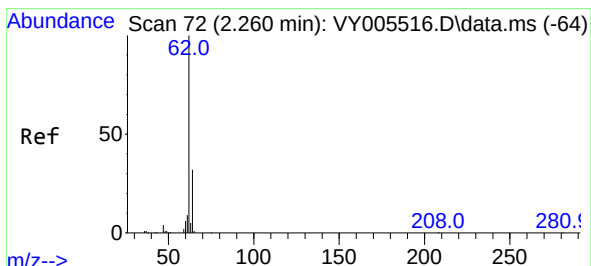
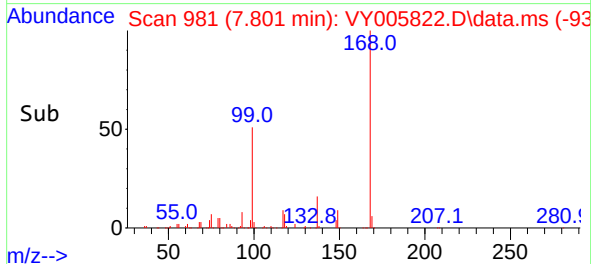
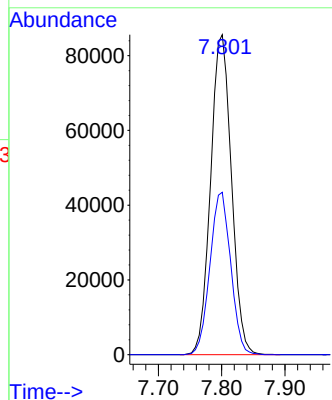
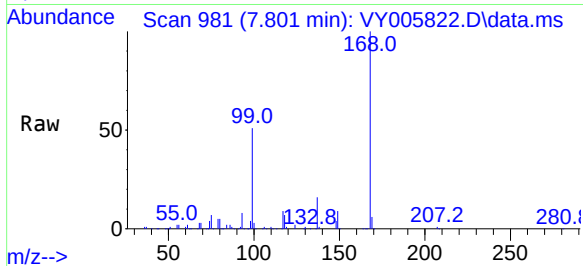




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005822.D
Acq: 24 Aug 2021 15:32

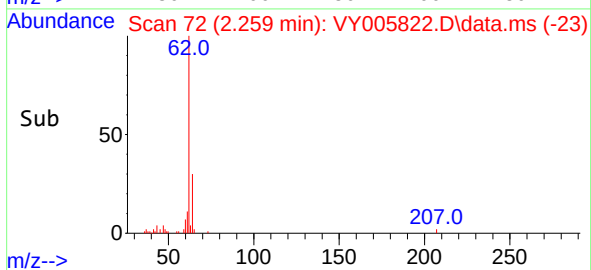
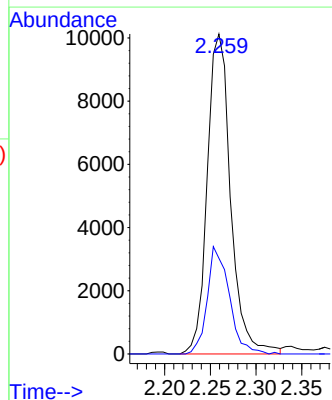
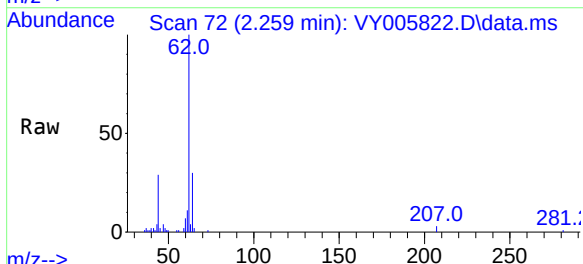
Instrument :
MSVOA_Y
ClientSampleId :
POST-MAEC-01

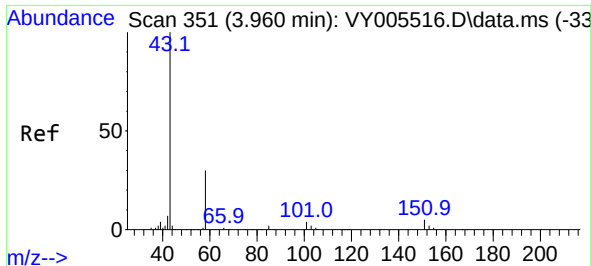
Tgt Ion:168 Resp: 195535
Ion Ratio Lower Upper
168 100
99 50.8 38.9 58.3



#4
Vinyl Chloride
Concen: 7.845 ug/l
RT: 2.259 min Scan# 72
Delta R.T. -0.000 min
Lab File: VY005822.D
Acq: 24 Aug 2021 15:32

Tgt Ion: 62 Resp: 18027
Ion Ratio Lower Upper
62 100
64 29.9 25.9 38.9

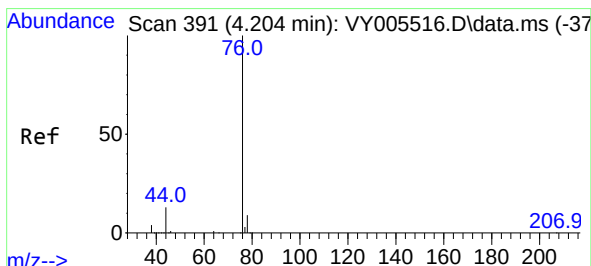
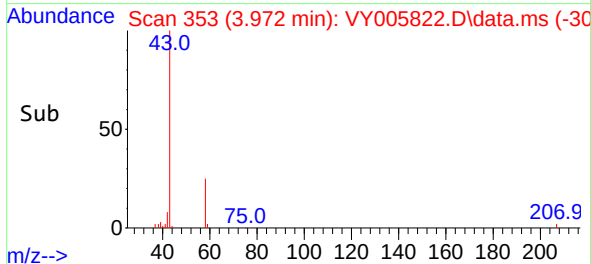
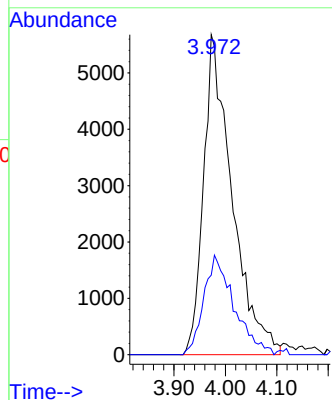
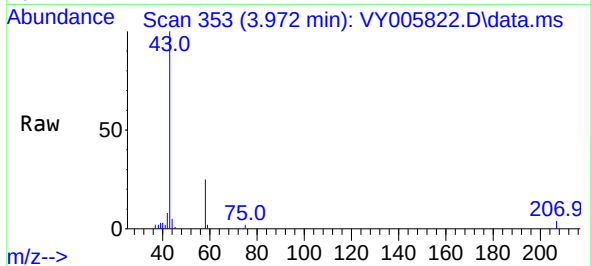




#16
Acetone
Concen: 43.935 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY005822.D
Acq: 24 Aug 2021 15:32

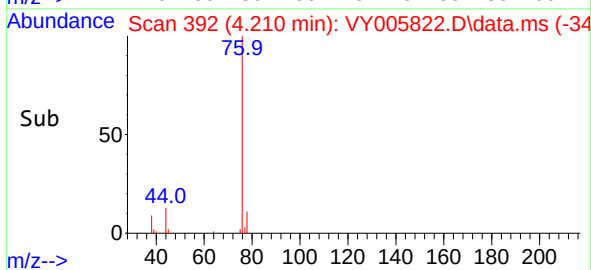
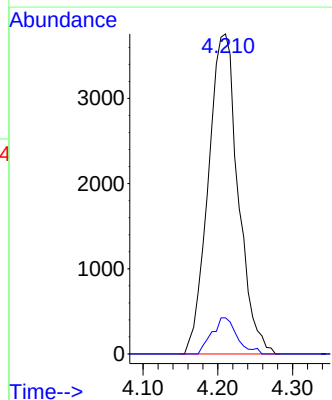
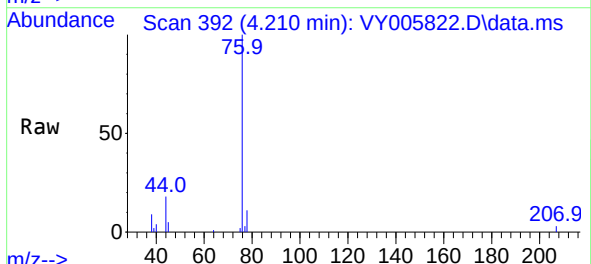
Instrument :
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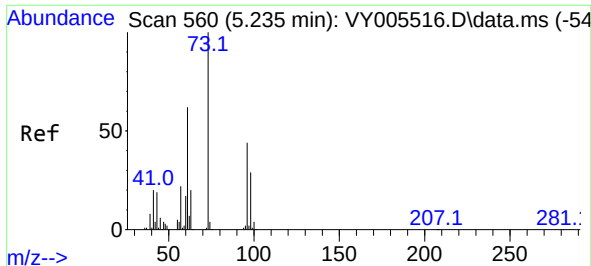
Tgt Ion: 43 Resp: 21925
Ion Ratio Lower Upper
43 100
58 24.9 23.8 35.6



#17
Carbon Disulfide
Concen: 2.012 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY005822.D
Acq: 24 Aug 2021 15:32

Tgt Ion: 76 Resp: 10452
Ion Ratio Lower Upper
76 100
78 11.3 7.0 10.6#

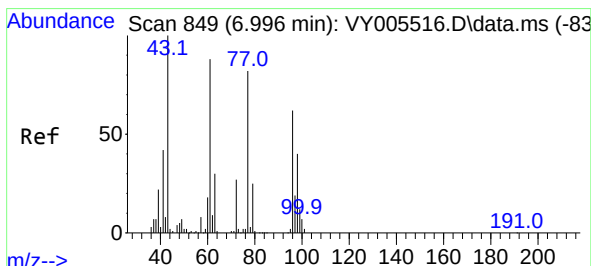
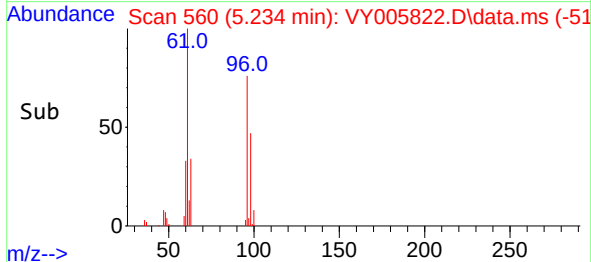
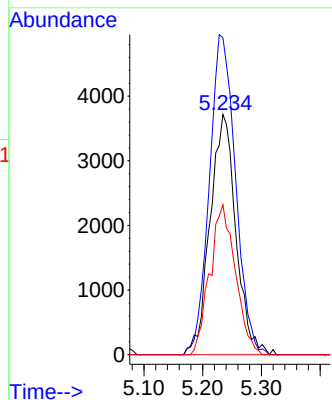
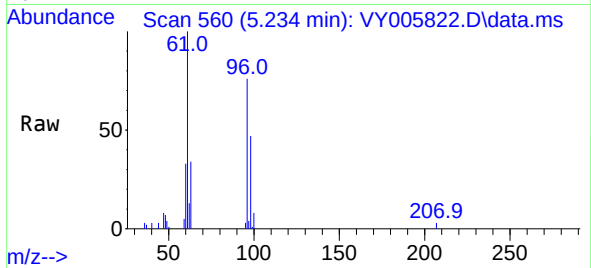




#21
trans-1,2-Dichloroethene
Concen: 6.041 ug/l
RT: 5.234 min Scan# 560
Delta R.T. -0.000 min
Lab File: VY005822.D
Acq: 24 Aug 2021 15:32

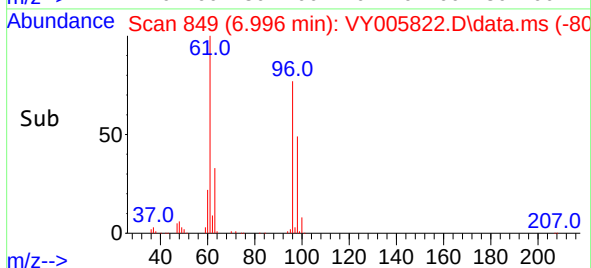
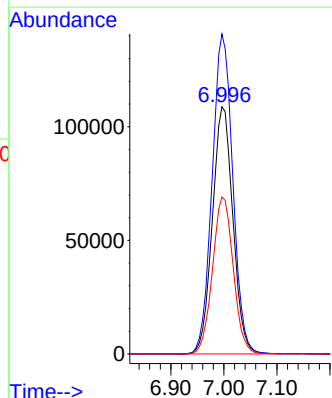
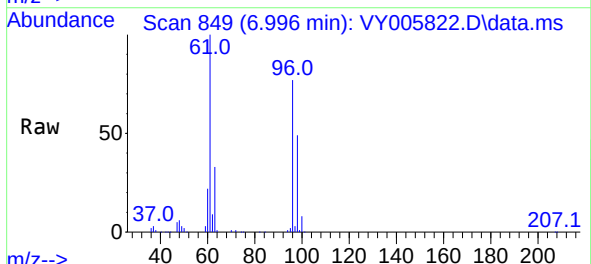
Instrument :
MSVOA_Y
ClientSampleId :
POST-MAEC-01

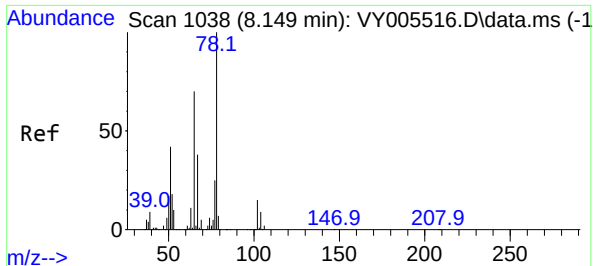
Tgt Ion: 96 Resp: 11382
Ion Ratio Lower Upper
96 100
61 132.0 112.6 168.8
98 62.4 52.2 78.4



#27
cis-1,2-Dichloroethene
Concen: 136.890 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY005822.D
Acq: 24 Aug 2021 15:32

Tgt Ion: 96 Resp: 293322
Ion Ratio Lower Upper
96 100
61 129.8 0.0 290.0
98 64.1 0.0 128.0

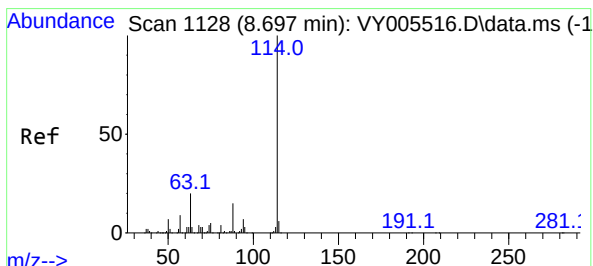
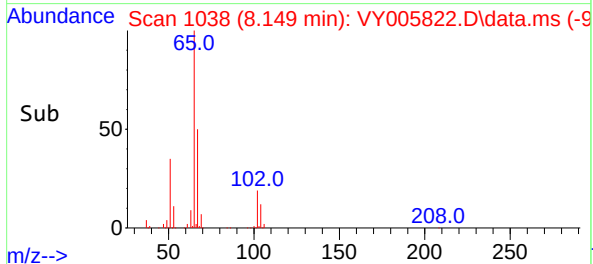
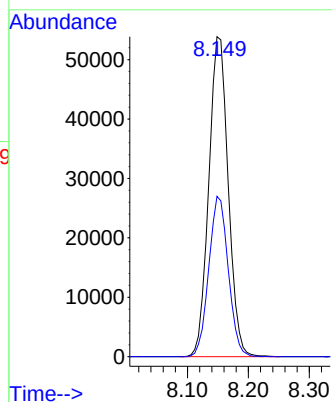
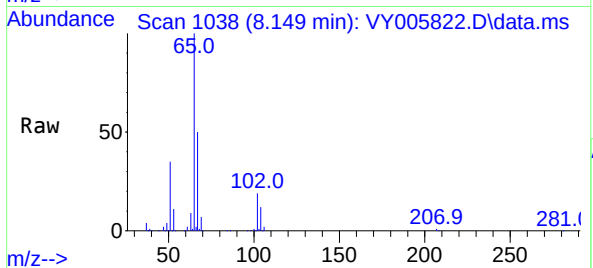




#33
1,2-Dichloroethane-d4
Concen: 60.275 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005822.D
Acq: 24 Aug 2021 15:32

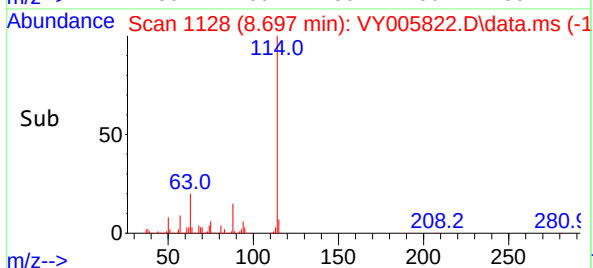
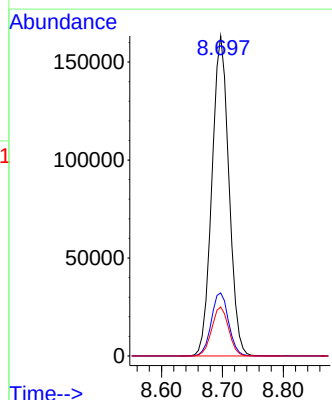
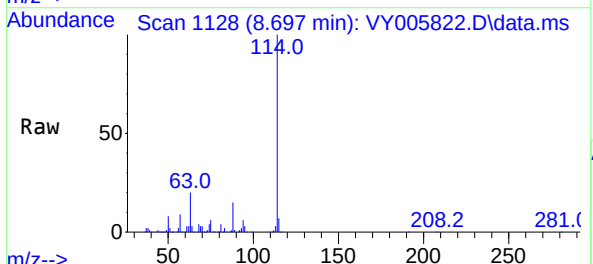
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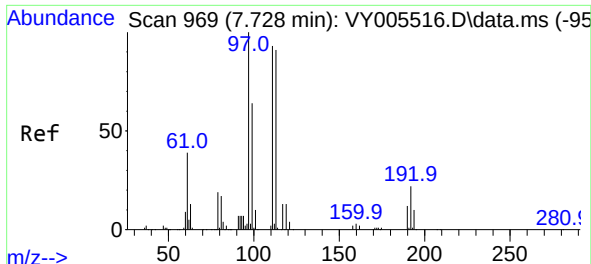
Tgt Ion: 65 Resp: 119302
Ion Ratio Lower Upper
65 100
67 50.2 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005822.D
Acq: 24 Aug 2021 15:32

Tgt Ion: 114 Resp: 315826
Ion Ratio Lower Upper
114 100
63 19.7 0.0 39.2
88 15.3 0.0 30.8

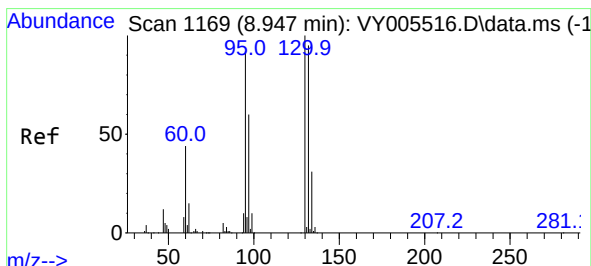
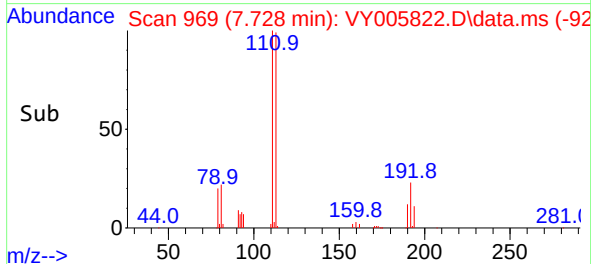
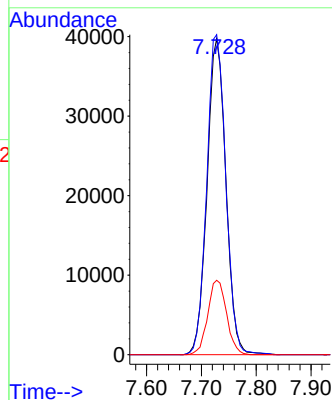
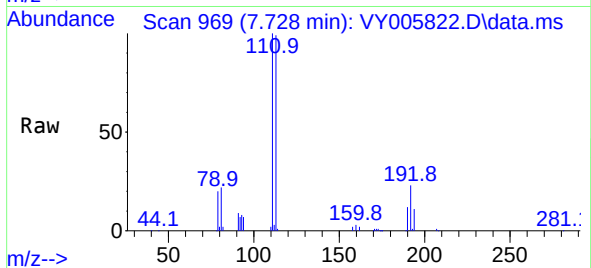




#35
Dibromofluoromethane
Concen: 53.472 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005822.D
Acq: 24 Aug 2021 15:32

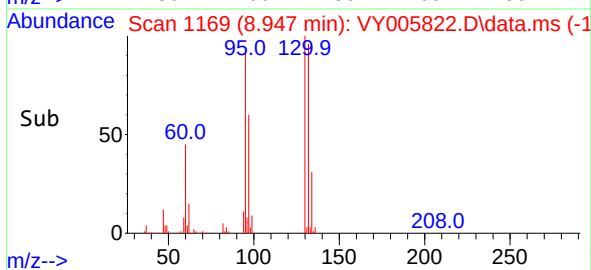
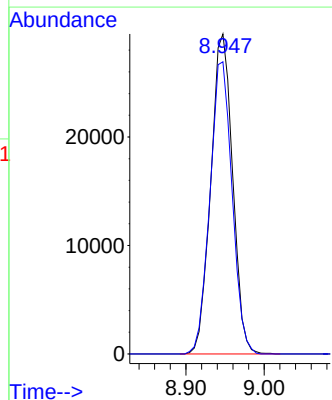
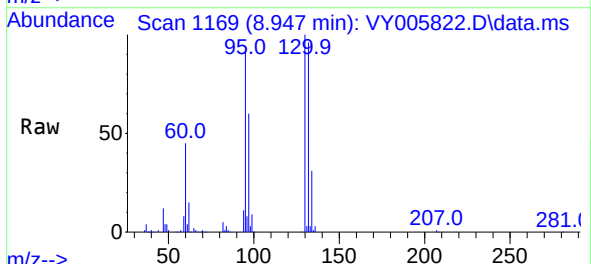
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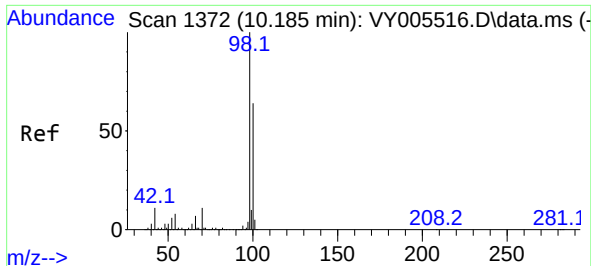
Tgt Ion:113 Resp: 94551
Ion Ratio Lower Upper
113 100
111 102.5 81.9 122.9
192 23.5 19.2 28.8



#44
Trichloroethene
Concen: 24.630 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VY005822.D
Acq: 24 Aug 2021 15:32

Tgt Ion:130 Resp: 57024
Ion Ratio Lower Upper
130 100
95 91.3 0.0 185.0

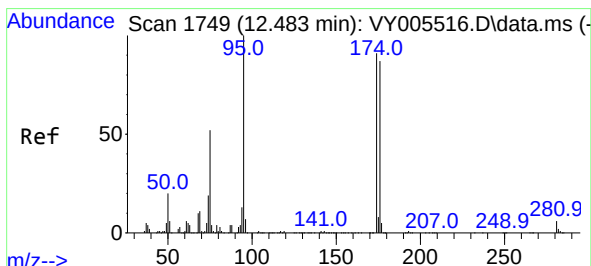
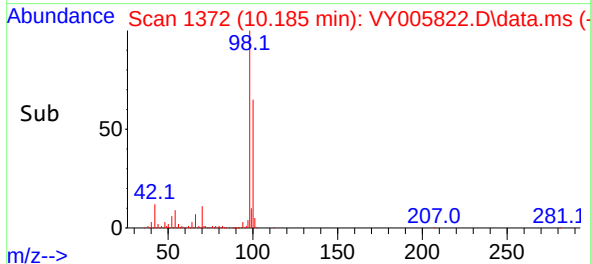
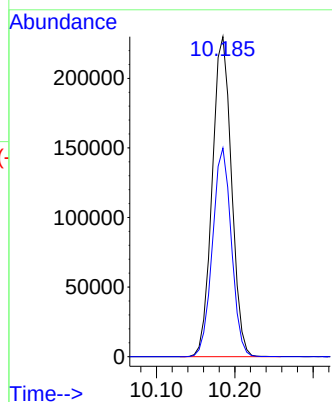
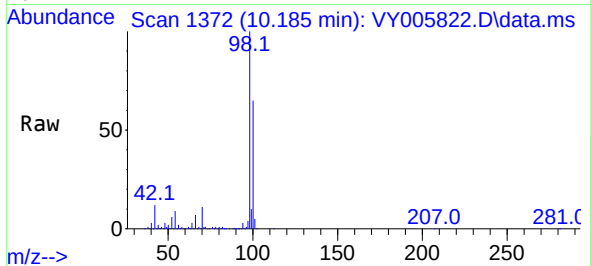




#50
Toluene-d8
Concen: 52.999 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005822.D
Acq: 24 Aug 2021 15:32

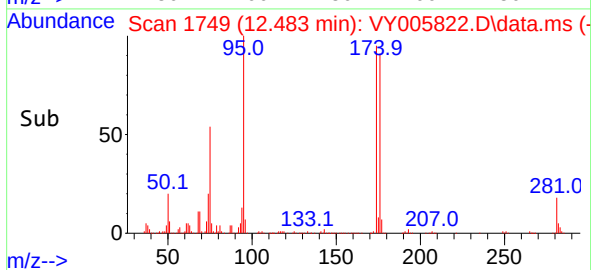
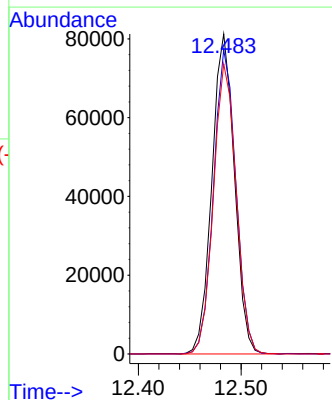
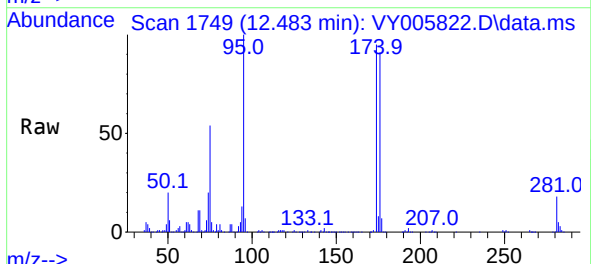
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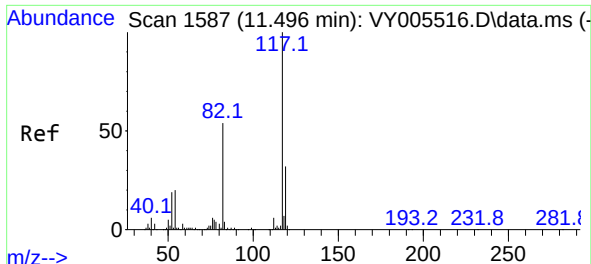
Tgt Ion: 98 Resp: 393031
Ion Ratio Lower Upper
98 100
100 63.8 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 50.369 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005822.D
Acq: 24 Aug 2021 15:32

Tgt Ion: 95 Resp: 123695
Ion Ratio Lower Upper
95 100
174 94.4 0.0 191.4
176 91.3 0.0 183.6

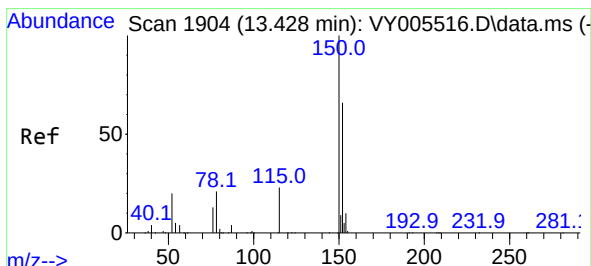
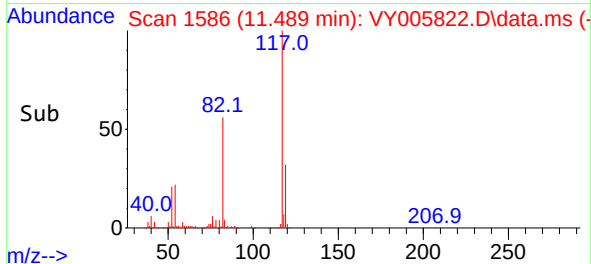
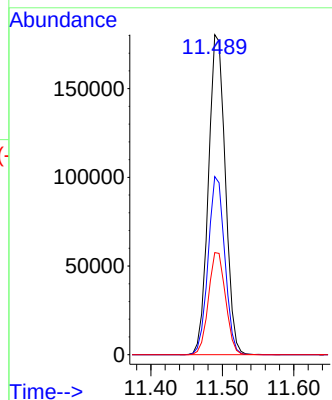
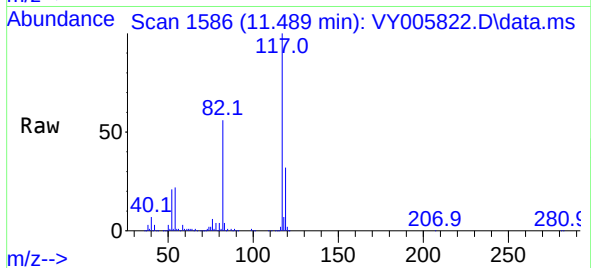




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005822.D
Acq: 24 Aug 2021 15:32

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Tgt Ion:117 Resp: 295718
Ion Ratio Lower Upper
117 100
82 55.7 43.5 65.3
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005822.D
Acq: 24 Aug 2021 15:32

Tgt Ion:152 Resp: 130078
Ion Ratio Lower Upper
152 100
115 55.3 27.3 81.9
150 156.9 0.0 350.2

